

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date
22 July 2004 (22.07.2004)

PCT

(10) International Publication Number
WO 2004/061358 A1

- (51) International Patent Classification⁷: **F16M 7/00**
- (21) International Application Number: **PCT/NL2004/000003**
- (22) International Filing Date: 6 January 2004 (06.01.2004)
- (25) Filing Language: Dutch
- (26) Publication Language: English
- (30) Priority Data:
1022309 6 January 2003 (06.01.2003) NL
- (71) Applicant (*for all designated States except US*): **MA-CHINE SUPPORT B.V. [NL/NL]**; Kaartenmakersstraat 7, NL-2984 CB Ridderkerk (NL).
- (72) Inventor; and
- (75) Inventor/Applicant (*for US only*): **VERMEULEN, Rene** [NL/NL]; Anke Servaesstraat 1, NL-3207 HM Spijkenisse (NL).
- (74) Agent: **VAN WESTENBRUGGE, Andries et al.**; Nederlandsch Octrooibureau, Scheveningseweg 82, P.O. Box 29720, NL-2502 LS The Hague (NL).

(81) Designated States (*unless otherwise indicated, for every kind of national protection available*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

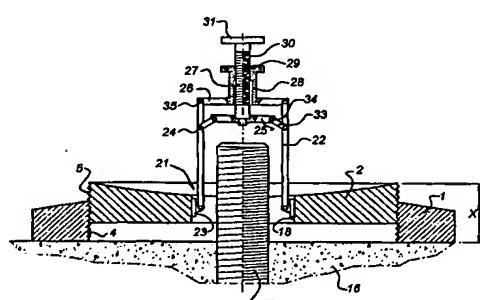
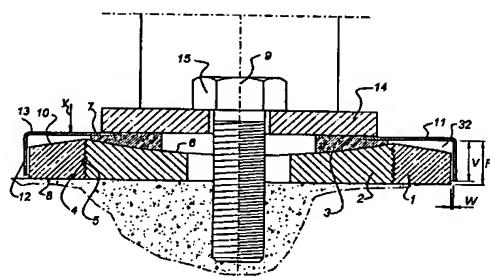
(84) Designated States (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: COMBINATION OF AN HEIGHT-ADJUSTABLE FOOT AND AN ADJUSTING TOOL



(57) **Abstract:** The present invention relates to an adjustable foot for setting up equipment in alignment. The adjustable foot comprises a first adjustable part (1) provided with an axial bore with internal screw thread (4). The adjustable foot furthermore comprises a second adjustable part (2) provided with external screw thread (5) that matches the internal screw thread. When screwed into the bore, this second adjustable part can be adjusted in the axial direction (9) with respect to the first adjustable part by turning with respect to the first adjustable part. The adjustable foot furthermore comprises a support part (6), provided on the first adjustable part or second adjustable part, and a washer (3). The washer and the support part are each provided with a convex, respectively concave surface (66) having essentially the same radius of curvature (R). This adjustable foot according to the invention forms part of a combination that furthermore comprises a tool (20,40) for setting the height (F) of the adjustable foot. According to the invention the tool has an insertion end (21) that is provided with gripper means (23) and can be inserted into the hole (19) in the axial direction. The gripper means (23) are so equipped that, when they engage on the interior of the hole (18) and the insertion end is rotated about the axial axis, the second adjustable part also turns. adjustable foot. According to the invention the tool has an insertion end (21) that is provided with gripper means (23) and can be inserted into the hole (19) in the axial direction. The gripper means (23) are so equipped that, when they engage on the interior of the hole (18) and the insertion end is rotated about the axial axis, the second adjustable part also turns.